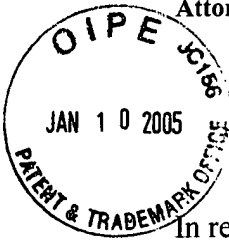


IFW



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Park *et al.*

Serial No: 10/023,259

Filed: December 14, 2001

For: MICRONEEDLE DEVICES AND  
PRODUCTION THEREOF

Attorney Docket No. BVTP-P01-590

Art Unit: 3763

Examiner: SIRMONS, KEVIN C.

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

11/7/05

Date of Signature  
and of Mail Deposit

*Andrea Berlo*

Andrea Berlo

**PETITION TO WITHDRAW HOLDING OF ABANDONMENT**

**UNDER 37 C.F.R. § 1.181(a)**

Mail Stop Petition  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This Petition is filed in response to the Notice of Abandonment mailed on December 15, 2004, in connection with the above application. Applicants petition the Director to withdraw the Examiner's holding of abandonment of the above-referenced application, on the ground that a Notice of Appeal and a Petition for Extension of Time were timely filed by Express Mail Procedure as specified in 37 C.F.R. § 1.10.

A Final Office Action in connection with the above application was mailed on May 13, 2004. Applicants filed a Notice of Appeal on Monday, November 15, 2004, with an

accompanying Petition for Three-Month Extension of the response period. In filing the Notice of Appeal, Applicants properly followed the Express Mail Procedure pursuant to 37 C.F.R. § 1.10.

Applicants submit herewith:

- a copy of the Notice of Appeal, as originally filed on November 15, 2004, bearing a signed Certificate of Express Mailing under Airbill No. EV 543609353 US;
- a copy of the Three-Month Petition for Extension of Time under 37 C.F.R. §1.136(a), as originally filed on November 15, 2004, bearing a signed Certificate of Express Mailing under Airbill No. EV 543609353 US;
- a copy of the Fee Transmittal, as originally filed on November 15, 2004, bearing a signed Certificate of Express Mailing under Airbill No. EV 543609353 US;
- a copy of the postcard receipt for the Notice of Appeal, Petition for Extension of Time, Fee Transmittal, and authorization to charge fees, dated November 15, 2004, bearing Express Mail Airbill No. EV 543609353 US, date-stamped by OIPE to indicate a receipt date of November 15, 2004;
- a copy of the Post Office to Addressee Express Mail Label (EV 543609353 US), showing the Date-In as 11-15-04, 5:58 PM. The Express Mail Label also shows the Attorney Docket No. BVTP-P01-590;
- a copy of the above-referenced Notice of Appeal and Petition for Extension of Time, bearing the OIPE date-stamp of November 15, 2004, which are downloaded from the Image File Wrapper of PAIR; and,
- A copy of the relevant section of the USPTO Deposit Account Statement for November 2004 for Account Number 18-1945, showing charges of \$490 (fee code 2253 for three-month extension for small entity) and \$170 (fee code 2401 for Notice of Appeal for small entity) under U.S.S.N. 10/023259 on November 17, 2004.

Applicants petition that the holding of abandonment of the above-identified patent application be withdrawn, as a proper reply (Notice of Appeal with Petition for Extension of Time) was timely filed. Support for this Petition is provided by the enclosed submissions, which

establish that the Notice of Appeal and Petition for Extension of Time were timely filed in the USPTO, using Express Mail Procedure on November 15, 2004, and were received by the USPTO at least by November 22, 2004. In addition, Applicants promptly submitted the instant Petition upon receipt of the Notice of Abandonment.

Respectfully submitted,

DATE: January 6, 2005

by  \_\_\_\_\_

Yu Lu

Reg. No. 50,306

Ropes & Gray LLP

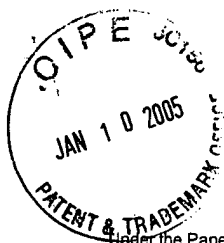
One International Place

Boston, MA

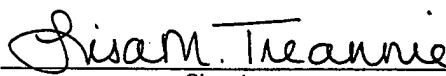
Agent for Applicant(s)

Tel. No. (617) 951-7000

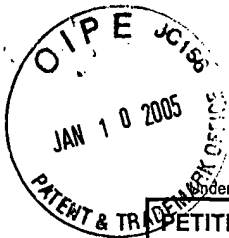
Fax No. (617) 951-7050



PTO/SB/31 (09-04)  
Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

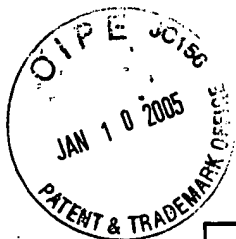
<b>NOTICE OF APPEAL FROM THE EXAMINER TO THE BOARD OF PATENT APPEALS AND INTERFERENCES</b>		<b>Docket Number (Optional)</b> BVTP-P01-590	
		In re Application of Park et al.	
		Application Number 10/023259	Filed December 14, 2001
		For MICRONEEDLE DEVICES AND PRODUCTION THEREOF	
		Art Unit 3763	Examiner K. C. Sirmons
Applicant hereby <b>appeals</b> to the Board of Patent Appeals and Interferences from the last decision of the examiner.			
The fee for this Notice of Appeal is (37 CFR 41.20(b)(1))		\$ 340.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee shown above is reduced by half, and the resulting fee is:		\$ 170.00	
<input type="checkbox"/> A check in the amount of the fee is enclosed.			
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.			
<input checked="" type="checkbox"/> The Director has already been authorized to charge fees in this application to a Deposit Account. I have enclosed a duplicate copy of this sheet.			
<input checked="" type="checkbox"/> The Director is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. <u>18-1945</u> . I have enclosed a duplicate copy of this sheet.			
<input checked="" type="checkbox"/> A petition for an extension of time under 37 CFR 1.136(a) (PTO/SB/22) is enclosed.			
I am the			
<input type="checkbox"/> applicant /inventor.		 Signature	
<input type="checkbox"/> assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)		Lisa M. Treannie Typed or printed name	
<input checked="" type="checkbox"/> attorney or agent of record. Registration number <u>41,368</u>		(617) 951-7725 Telephone number	
<input type="checkbox"/> attorney or agent acting under 37 CFR 1.34. Registration number if acting under 37 CFR 1.34. _____		November 15, 2004 Date	
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.			
<input checked="" type="checkbox"/> *Total of <u>1</u> forms are submitted.			

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV543609353US, in an envelope addressed to: MS AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450, on the date shown below.	
Dated: <u>11/15/04</u>	Signature: <u>Andrea Berio</u> (Andrea Berio)



<b>PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)</b> <b>FY 2005</b> (fees effective on or after October 1, 2004)		<b>Docket Number (Optional)</b> BVTP-P01-590																									
<b>Application Number</b> 10/023259		<b>Filed</b> December 14, 2001																									
<b>For</b> MICRONEEDLE DEVICES AND PRODUCTION THEREOF																											
<b>Art Unit</b> 3763		<b>Examiner</b> K. C. Simons																									
<p>This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.</p> <p>The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):</p> <table border="1"><thead><tr><th></th><th><u>Fee</u></th><th><u>Small Entity Fee</u></th><th></th></tr></thead><tbody><tr><td><input type="checkbox"/> One month (37 CFR 1.17(a)(1))</td><td>\$110.00</td><td>\$55.00</td><td>\$</td></tr><tr><td><input type="checkbox"/> Two months (37 CFR 1.17(a)(2))</td><td>\$430.00</td><td>\$215.00</td><td>\$</td></tr><tr><td><input checked="" type="checkbox"/> Three months (37 CFR 1.17(a)(3))</td><td>\$980.00</td><td>\$490.00</td><td>\$ 490.00</td></tr><tr><td><input type="checkbox"/> Four months (37 CFR 1.17(a)(4))</td><td>\$1,530.00</td><td>\$765.00</td><td>\$</td></tr><tr><td><input type="checkbox"/> Five months (37 CFR 1.17(a)(5))</td><td>\$2,080.00</td><td>\$1,040.00</td><td>\$</td></tr></tbody></table> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p><input type="checkbox"/> A check in the amount of the fee is enclosed.</p> <p><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.</p> <p><input checked="" type="checkbox"/> The Director has already been authorized to charge fees in this application to a Deposit Account.</p> <p><input checked="" type="checkbox"/> The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number <u>18-1945</u>. I have enclosed a duplicate copy of this sheet.</p> <p>I am the <input type="checkbox"/> applicant/inventor.</p> <p><input type="checkbox"/> assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).</p> <p><input checked="" type="checkbox"/> attorney or agent of record. Registration Number <u>41,368</u></p> <p><input type="checkbox"/> attorney or agent under 37 CFR 1.34(a). Registration number if acting under 37 CFR 1.34(a) _____</p> <p><u>Lisa M. Treannie</u> _____ Signature Date <u>November 15, 2004</u></p> <p><u>Lisa M. Treannie</u> _____ Typed or printed name Telephone Number <u>(617) 951-7725</u></p> <p>NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.</p> <p><input checked="" type="checkbox"/> Total of <u>1</u> forms are submitted.</p>					<u>Fee</u>	<u>Small Entity Fee</u>		<input type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$110.00	\$55.00	\$	<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$430.00	\$215.00	\$	<input checked="" type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$980.00	\$490.00	\$ 490.00	<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$1,530.00	\$765.00	\$	<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$2,080.00	\$1,040.00	\$
	<u>Fee</u>	<u>Small Entity Fee</u>																									
<input type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$110.00	\$55.00	\$																								
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<input checked="" type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$980.00	\$490.00	\$ 490.00																								
<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$1,530.00	\$765.00	\$																								
<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$2,080.00	\$1,040.00	\$																								

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV543609353US, in an envelope addressed to: MS AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.	
Dated: <u>11-15-04</u>	Signature: <u>Andrea Berlo</u> (Andrea Berlo)



PTO/SB/17 (10-04v2)

Approved for use through 7/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 660.00

**Complete if Known**

Application Number	10/023259
Filing Date	December 14, 2001
First Named Inventor	Jung-Hwan Park
Examiner Name	K. C. Simons
Art Unit	3763
Attorney Docket No.	BVTP-P01-590

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number

18-1945

Deposit Account Name

Ropes &amp; Gray LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	490	Extension for reply within third month	490.00
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	170.00
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,370	2453	685	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	
1502	490	2502	245	Design issue fee	
1503	660	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 660.00

**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$) 0.00

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims		Extra Claims	Fee from below	Fee Paid
Independent Claims	..** =			
Multiple Dependent	..** =			

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	88	2201	44	Independent claims in excess of 3	
1203	300	2203	150	Multiple dependent claim, if not paid	
1204	88	2204	44	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$) 0.00

\*\*or number previously paid, if greater; For Reissues, see above

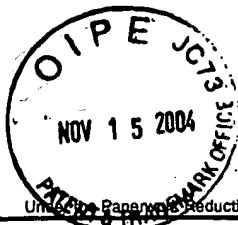
**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	Lisa M. Treannie	Registration No. (Attorney/Agent)	41,368	Telephone	(617) 951-7725
Signature	<i>Lisa M. Treannie</i>	Date	November 15, 2004		

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV543609353US, in an envelope addressed to: MS AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 11-15-04 Signature: *Andrea Berlo* (Andrea Berlo)



11-16-04

AF



PTO/SB/17 (10-04v2)

Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2005 <small>Effective 10/01/2004. Patent fees are subject to annual revision.</small>				Complete if Known	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27				Application Number	10/023259
TOTAL AMOUNT OF PAYMENT (\$)				Filing Date	December 14, 2001
660.00				First Named Inventor	Jung-Hwan Park
				Examiner Name	K. C. Simons
				Art Unit	3763
				Attorney Docket No.	BVTP-P01-590
METHOD OF PAYMENT (check all that apply)				FEE CALCULATION (continued)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None				3. ADDITIONAL FEES	
<input checked="" type="checkbox"/> Deposit Account:				Large Entity Small Entity	
Deposit Account Number 18-1945				Fee Code Fee (\$)	Fee Code Fee (\$)
Deposit Account Name Ropes & Gray LLP				1051 130 2051 65	Surcharge - late filing fee or oath
The Director is authorized to: (check all that apply)				1052 50 2052 25	Surcharge - late provisional filing fee or cover sheet.
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments				1053 130 1053 130	Non-English specification
<input checked="" type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s)				1812 2,520 1812 2,520	For filing a request for <i>ex parte</i> reexamination
<input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.				1804 920* 1804 920*	Requesting publication of SIR prior to Examiner action
FEE CALCULATION				1805 1,840* 1805 1,840*	Requesting publication of SIR after Examiner action
1. BASIC FILING FEE				1251 110 2251 55	Extension for reply within first month
Large Entity Fee Code Fee (\$)	Small Entity Fee Code Fee (\$)	Fee Description	Fee Paid	1252 430 2252 215	Extension for reply within second month
1001 780 2001 395	Utility filing fee			1253 980 2253 490	Extension for reply within third month
1002 350 2002 175	Design filing fee			1254 1,530 2254 765	Extension for reply within fourth month
1003 550 2003 275	Plant filing fee			1255 2,080 2255 1,040	Extension for reply within fifth month
1004 790 2004 395	Reissue filing fee			1401 340 2401 170	Notice of Appeal
1005 160 2005 80	Provisional filing fee			1402 340 2402 170	Filing a brief in support of an appeal
SUBTOTAL (1) (\$)			0.00	1403 300 2403 150	Request for oral hearing
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE				1451 1,510 1451 1,510	Petition to institute a public use proceeding
Total Claims	** =	Extra Claims	Fee from below	1452 110 2452 55	Petition to revive - unavoidable
Independent Claims	** =			1453 1,370 2453 685	Petition to revive - unintentional
Multiple Dependent				1501 1,370 2501 685	Utility issue fee (or reissue)
Large Entity Fee Code Fee (\$)	Small Entity Fee Code Fee (\$)	Fee Description	Fee Paid	1502 490 2502 245	Design issue fee
1202 18 2202 9	Claims in excess of 20			1503 660 2503 330	Plant issue fee
1201 88 2201 44	Independent claims in excess of 3			1460 130 1460 130	Petitions to the Commissioner
1203 300 2203 150	Multiple dependent claim, if not paid			1807 50 1807 50	Processing fee under 37 CFR 1.17(q)
1204 88 2204 44	** Reissue independent claims over original patent			1808 180 1808 180	Submission of Information Disclosure Stmt
1205 18 2205 9	** Reissue claims in excess of 20 and over original patent			8021 40 8021 40	Recording each patent assignment per property (times number of properties)
SUBTOTAL (2) (\$)			0.00	1809 790 2809 395	Filing a submission after final rejection (37 CFR 1.129(a))
**or number previously paid, if greater; For Reissues, see above				1810 790 2810 395	For each additional invention to be examined (37CFR 1.129(b))
				1801 790 2801 395	Request for Continued Examination (RCE)
				1802 900 1802 900	Request for expedited examination of a design application
				Other fee (specify)	
				*Reduced by Basic Filing Fee Paid	
				SUBTOTAL (3) (\$)	
				660.00	
SUBMITTED BY				(Complete if applicable)	
Name (Print/Type)		Lisa M. Treannie		Registration No. (Attorney/Agent)	41,368
Signature		Lisa M. Treannie		Telephone	(617) 951-7725
				Date	November 15, 2004

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Dated: 11-15-04 Signature: Andrea Berlo (Andrea Berlo)



**United States  
Patent and  
Trademark Office**

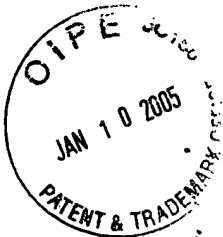
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Page**Deposit Account Statement**

**Requested Statement Month:** November 2004  
**Deposit Account Number:** 181945  
**Name:** ROPES & GRAY  
**Attention:** CATHY HOWELL/ PATENT DEPT.33/48  
**Address:** ONE INTERNATIONAL PLACE  
**City:** BOSTON  
**State:** MA  
**Zip:** 02110-2624

DATE	SEQ	POSTING REF TXT	ATTORNEY DOCKET NBR	FEE CODE	AMT	BAL
11/01	13	10835541	JMY-P01-003	2201	\$132.00	\$49,8
11/01	19	10819899	GPCI-P01-191	2202	\$9.00	\$49,8
11/01	20	10007061	11019-019001	2401	\$170.00	\$49,6
11/01	23	PCT/US04/35430	CDSI-PW1-028	1601	\$300.00	\$49,3
11/01	24	PCT/US04/35430	CDSI-PW1-028	1704	\$1,920.00	\$47,4
11/01	25	PCT/US04/35430	CDSI-PW1-028	1702	\$1,134.00	\$46,3
11/01	26	PCT/US04/35430	CDSI-PW1-028	1703	\$456.00	\$45,8
11/01	27	PCT/US04/35430	CDSI-PW1-028	8007	\$40.00	\$45,8
11/01	41	09874302	BSC-158	1501	\$1,370.00	\$44,4
11/01	42	09874302	BSC-158	1504	\$300.00	\$44,1
11/01	43	09708974	JHUC-P03-010	1501	\$1,370.00	\$42,8
11/01	44	09708974	JHUC-P03-010	8001	\$30.00	\$42,7
11/01	102	60504024	M122	8021	\$40.00	\$42,7
11/01	103	60586414	SCH-2021-V01	8021	\$40.00	\$42,6
11/01	104	60556349	SION-P60-066	8021	\$40.00	\$42,6
11/01	105	60549952	SION-P60-062	8021	\$40.00	\$42,6
11/01	155	10826672	SMCY-P02-085	1001	\$790.00	\$41,8
11/01	156	10826672	SMCY-P02-085	1252	\$430.00	\$41,3
11/01	177	10913151	BBNT-P03-250	1001	\$790.00	\$40,6
11/01	178	10913151	BBNT-P03-250	1051	\$130.00	\$40,4
11/01	179	10913151	BBNT-P03-250	1201	\$616.00	\$39,8
11/01	180	10913151	BBNT-P03-250	1202	\$288.00	\$39,5
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11/02	50	76618099	MVOT-T-027	6001	\$335.00	\$37,4





PTO/SB/22 (10-04)

Approved for use through 7/31/2006. OMB 0651-0031

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<b>PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)</b> <b>FY 2005</b> (fees effective on or after October 1, 2004)		<b>Docket Number (Optional)</b> BVTP-P01-590	
<b>Application Number</b> 10/023259		<b>Filed</b> December 14, 2001	
<b>For</b> MICRONEEDLE DEVICES AND PRODUCTION THEREOF			
<b>Art Unit</b> 3763		<b>Examiner</b> K. C. Simmons	
This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application. The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):			
	<b>Fee</b>	<b>Small Entity Fee</b>	
<input type="checkbox"/> One month (37 CFR 1.17(a)(1))	\$110.00	\$55.00	\$
<input type="checkbox"/> Two months (37 CFR 1.17(a)(2))	\$430.00	\$215.00	\$
<input checked="" type="checkbox"/> Three months (37 CFR 1.17(a)(3))	\$980.00	\$490.00	\$ 490.00
<input type="checkbox"/> Four months (37 CFR 1.17(a)(4))	\$1,530.00	\$765.00	\$
<input type="checkbox"/> Five months (37 CFR 1.17(a)(5))	\$2,080.00	\$1,040.00	\$
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.			
<input type="checkbox"/> A check in the amount of the fee is enclosed.			
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.			
<input checked="" type="checkbox"/> The Director has already been authorized to charge fees in this application to a Deposit Account.			
<input checked="" type="checkbox"/> The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number <u>18-1945</u> . I have enclosed a duplicate copy of this sheet.			
I am the <input type="checkbox"/> applicant/inventor.			
<input type="checkbox"/> assignee of record of the entire interest. See 37 CFR 3.71. Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)			
<input checked="" type="checkbox"/> attorney or agent of record. Registration Number <u>41,368</u>			
<input type="checkbox"/> attorney or agent under 37 CFR 1.34(a). Registration number if acting under 37 CFR 1.34(a) _____			
<u>Lisa M. Treannie</u> Signature		<u>November 15, 2004</u> Date	
<u>Lisa M. Treannie</u> Typed or printed name		<u>(617) 951-7725</u> Telephone Number	
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.			
<input checked="" type="checkbox"/> Total of <u>1</u> forms are submitted.			

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11/17/2004 JADD01 00000067 181945 10023259

01 FC:2253

490.00 DA

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Dated: 11-15-04Signature: Andrea Berlo

(Andrea Berlo)



PTO/SB/31 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>NOTICE OF APPEAL FROM THE EXAMINER TO THE BOARD OF PATENT APPEALS AND INTERFERENCES</b>		<b>Docket Number (Optional)</b> BVTP-P01-590	
In re Application of Park et al.			
Application Number 10/023259		Filed December 14, 2001	
For MICRONEEDLE DEVICES AND PRODUCTION THEREOF			
Art Unit 3763		Examiner K. C. Sirmons	

Applicant hereby appeals to the Board of Patent Appeals and Interferences from the last decision of the examiner.

The fee for this Notice of Appeal is (37 CFR 41.20(b)(1))

\$ 340.00

☒ Applicant claims small entity status. See 37 CFR 1.27. Therefore, the fee shown above is reduced by half, and the resulting fee is:

\$ 170.00

☐ A check in the amount of the fee is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director has already been authorized to charge fees in this application to a Deposit Account. I have enclosed a duplicate copy of this sheet.☒ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 18-1945. I have enclosed a duplicate copy of this sheet.☒ A petition for an extension of time under 37 CFR 1.136(a) (PTO/SB/22) is enclosed.

I am the

☐ applicant/inventor.☐ assignee of record of the entire interest.  
See 37 CFR 3.71. Statement under 37 CFR 3.73(b)  
is enclosed. (Form PTO/SB/96)☒ attorney or agent of record.

Registration number 41,368

☐ attorney or agent acting under 37 CFR 1.34.

Registration number if acting under 37 CFR 1.34.

  
SignatureLisa M. Treannie  
Typed or printed name

(617) 951-7725

Telephone number

November 15, 2004

Date

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 1 forms are submitted.

11/17/2004 JADD01

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02 FC:2401

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Dated: 11/15/04

Signature: Andrea Berlo

(Andrea Berlo)

11/15 266	PCT/US04/37210 YU-PWO-027	1702	\$1,134.00	\$49,7
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\$50,005.50	\$167,698.00	\$140,504.00	\$22,811.50

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<b>Via:</b> Express Mail: Airbill No. EV543609353US	<b>Atty Dkt No.:</b> BVTP-P01-590
<b>Inventor:</b> Park et al.	
<b>Application No.:</b> 10/023259	<b>Filing Date:</b> December 14, 2001
<b>Title:</b> MICRONEEDLE DEVICES AND PRODUCTION THEREOF	

**Documents Filed:**

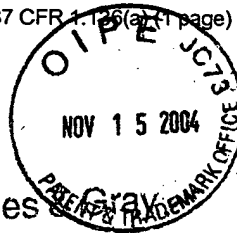
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Three Month Request for Extension of Time Under 37 CFR 1.126(a) (1 page)

Notice of Appeal (1 page)

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Ropes & Gray

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9584970.1

Intellectual Property Dept.



Via: Express Mail: Airbill No. EV543609353US Atty Dkt No.: BVTP-P01-590  
Inventor: Park et al.  
Application No.: 10/023259 Filing Date: December 14, 2001  
Title: MICRONEEDLE DEVICES AND PRODUCTION THEREOF

Documents Filed:  
Fee Transmittal (1 page)

Three Month Request for Extension of Time Under 37 CFR 1.136(a) (1 page)

Notice of Appeal (1 page)

Charge \$660.00 to deposit account 18-1945

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Sender's Initials: LMT/YL/amb Date: November 15, 2004

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EV543609353US



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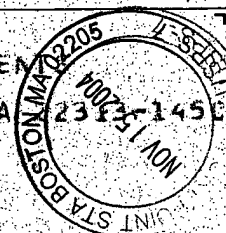


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No Delivery <input type="checkbox"/> Weekend <input type="checkbox"/> Holiday	Acceptance Clerk Initials [Signature]	Total Postage & Fees \$ 1365		Additional merchandise & insurance to void in case of loss or damage. Signature of addressee or address agent is required for delivery to addressee or address agent. Signature of delivery employee constitutes valid proof of delivery.			

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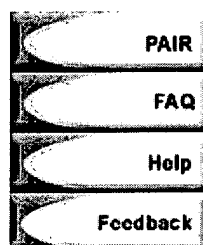
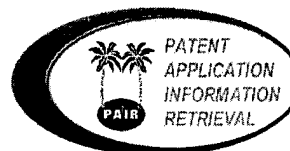
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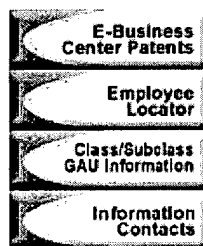
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12/15/2004	Abandonment	PROSECUTION
11/15/2004	Extension of time from Applicant - filed as separate letter	PROSECUTION
11/15/2004	Notice of Appeal Filed	PROSECUTION
11/15/2004	Miscellaneous Incoming Letter	PROSECUTION
05/13/2004	Final Rejection	PROSECUTION
05/10/2004	Examiner Search Notes	PROSECUTION
03/01/2004	Amendment	PROSECUTION
03/01/2004	Extension of time from Applicant - filed as separate letter	PROSECUTION
03/01/2004	Artifact sheet indicating an item has been filed which cannot be scanned	PROSECUTION
03/01/2004	Applicant Arguments or Remarks Made in an Amendment	PROSECUTION
03/01/2004	Claim	PROSECUTION
03/01/2004	Miscellaneous Incoming Letter	PROSECUTION
08/27/2003	Non-Final Rejection	PROSECUTION
08/23/2003	Examiner Search Notes	PROSECUTION
06/02/2003	Extension of time from Applicant - filed as separate letter	PROSECUTION
06/02/2003	Applicant Arguments or Remarks Made in an Amendment	PROSECUTION
06/02/2003	Claim	PROSECUTION
06/02/2003	Amendment	PROSECUTION
06/02/2003	Miscellaneous Incoming Letter	PROSECUTION
05/13/2003	Information Disclosure Statement	PROSECUTION
04/21/2003	Information Disclosure Statement	PROSECUTION
04/21/2003	Information Disclosure Statement	PROSECUTION

04/18/2003	Requirement for Restriction/Election	PROSECUTION
10/30/2002	Miscellaneous Action with SSP	PROSECUTION
10/23/2002	Oath or Declaration filed	PROSECUTION
10/23/2002	Change of Address	PROSECUTION
10/23/2002	Miscellaneous Incoming Letter	PROSECUTION
03/05/2002	Oath or Declaration filed	PROSECUTION
03/05/2002	Drawings	PROSECUTION
03/05/2002	Miscellaneous Incoming Letter	PROSECUTION
02/05/2002	Miscellaneous Action with SSP	PROSECUTION
12/14/2001	Oath or Declaration filed	PROSECUTION
12/14/2001	Bibliographic Data Sheet	PROSECUTION
12/14/2001	Fee Worksheet (PTO-875)	PROSECUTION
12/14/2001	Claims Worksheet (PTO-2022)	PROSECUTION
12/14/2001	Fee Worksheet (PTO-875)	PROSECUTION
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12/14/2001	Search info on File Wrapper	PROSECUTION
12/14/2001	Claims recorded on File Wrapper	PROSECUTION
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12/14/2001	Specification	PROSECUTION
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12/14/2001	Abstract	PROSECUTION
05/13/2004	List of References cited by Applicant	PRIOR ART
08/27/2003	List of References cited by Applicant	PRIOR ART
08/27/2003	List of references cited by Examiner	PRIOR ART
03/05/2002	Oath or Declaration filed	AS FILED
03/05/2002	Drawings	AS FILED
03/05/2002	Miscellaneous Incoming Letter	AS FILED
03/05/2002	Transmittal of New Application	AS FILED
12/14/2001	Claim	AS FILED
12/14/2001	Specification	AS FILED
12/14/2001	Transmittal of New Application	AS FILED
12/14/2001	Miscellaneous Incoming Letter	AS FILED
12/14/2001	Oath or Declaration filed	AS FILED
12/14/2001	Drawings	AS FILED



12/14/2001	Abstract	AS FILED

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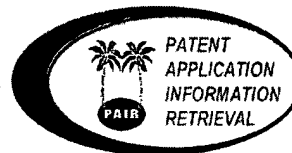
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# PATENT APPLICATION INFORMATION RETRIEVAL



Search results as of: 12-21-2004::5:58:11 E.T.

Search results for application number: 10/023,259			
Application Number:	10/023,259	Customer Number:	-
Filing or 371(c) Date:	12-14-2001	Status:	Abandoned -- Failure to Respond to an Office Action
Application Type:	Utility	Status Date:	12-13-2004
Examiner Name:	SIRMONS, KEVIN C	Location:	ELECTRONIC
Group Art Unit:	3763	Location Date:	-
Confirmation Number:	6122	Earliest Publication No:	US 2002-0082543 A1
Attorney Docket Number:	BVTP-P01-590	Earliest Publication Date:	06-27-2002
Class/ Sub-Class:	604/021	Patent Number:	-
First Named Inventor:	Jung-Hwan Park, Atlanta, GA (US)	Issue Date of Patent:	-
Title Of Invention:	Microneedle devices and production thereof		

## Search Options

☐ Continuity Data

☐ Image File Wrapper

File History	
Date	Contents Description
12-15-2004	Mail Abandonment for Failure to Respond to Office Action
12-13-2004	Abandonment for Failure to Respond to Office Action
05-13-2003	Electronic Information Disclosure Statement
05-13-2004	Mail Final Rejection (PTOL - 326)
05-13-2004	Final Rejection
03-15-2004	Date Forwarded to Examiner
03-01-2004	Response after Non-Final Action
03-01-2004	Request for Extension of Time - Granted
08-27-2003	Mail Non-Final Rejection
08-25-2003	Non-Final Rejection
06-13-2003	Date Forwarded to Examiner
06-02-2003	Response to Election / Restriction Filed
06-02-2003	Request for Extension of Time - Granted
05-13-2003	Information Disclosure Statement (IDS) Filed

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04-21-2003	Information Disclosure Statement (IDS) Filed
04-21-2003	Information Disclosure Statement (IDS) Filed
04-21-2003	Information Disclosure Statement (IDS) Filed
04-18-2003	Mail Restriction Requirement
04-17-2003	Requirement for Restriction / Election
10-30-2002	Correspondence Address Change
10-30-2002	Correspondence Address Change
10-30-2002	Change in Power of Attorney (May Include Associate POA)
07-15-2002	Case Docketed to Examiner in GAU
03-29-2002	Application Dispatched from OIPE
03-18-2002	Application Is Now Complete
03-05-2002	Additional Application Filing Fees
03-05-2002	A statement by one or more inventors satisfying the requirement under 35 USC 115, Oath of the Applic
03-05-2002	Applicant has submitted new drawings to correct Corrected Papers problems
02-05-2002	Notice Mailed--Application Incomplete--Filing Date Assigned
01-23-2002	IFW Scan & PACR Auto Security Review
01-05-2002	IFW Scan & PACR Auto Security Review
12-14-2001	Initial Exam Team nn